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P. 2

IBM/04B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Joseph Phillip Bigus et al.	Art Unit:	2762
Serial No.:	09/100,595	Examiner:	Unknown
Filed:	June 19, 1998	Atty. Docket No.:	IBM/04B
For:	OPTIMIZING THE PERFORMANCE OF COMPUTER TASKS USING INTELLIGENT AGENT WITH MULTIPLE PROGRAM MODULES HAVING VARIED DEGREES OF DOMAIN KNOWLEDGE (AS AMENDED)		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In accordance with Applicants' duty of disclosure under the provisions of 37 C.F.R. § 1.56, the references listed on the enclosed Form PTO-1449 are brought to the attention of the Examiner. Copies of the references are also enclosed.

No representation is made that any of the references are "prior art" within the meaning of 35 U.S.C. § 102 or § 103. Moreover, any explanations herein are not to be taken as a representation that the references have been thoroughly reviewed. In particular, no representation as to the relative relevance of any portion of a reference is intended.

Consideration of the references and the remarks presented herein in the above-identified application is respectfully requested.

If there are any questions regarding this paper, or which might otherwise further this case onto allowance, please contact the undersigned at (513)241-2324. Moreover, if

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Supplemental Information Disclosure Statement
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any other charges or credits are necessary to complete this communication, please apply them to Deposit Account 23-3000.
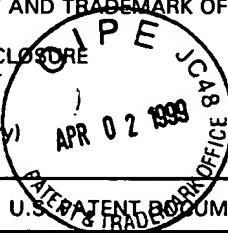
Respectfully submitted,

24 MAR 1999

Date
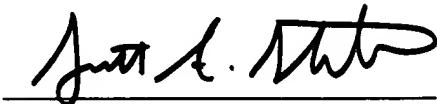
Scott A. Stinebruner
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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. IBM/04B (RO996-052L)	SERIAL NO. 09/100,595
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Joseph Phillip Bigus et al.	RECEIVED
		FILING DATE June 19, 1998	GROUP 2762 APR 1 2 1999

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	4	8	8	1	2	6	3	11/14/89	Herbison et al.	380	21	09/25/87
	A.B	5	3	5	5	4	4	4	10/11/94	Chirico	395	51	10/25/93
	A.C	5	4	6	5	3	0	8	11/07/95	Hutcheson et al.	382	159	08/25/93
	A.D	5	6	4	6	9	9	8	07/08/97	Stambler	380	25	05/22/95
	A.E	5	6	8	9	6	5	2	11/18/97	Lupien et al.	395	237	04/27/95
	A.F	5	6	9	6	8	2	8	12/09/97	Koopman, Jr.	380	46	09/22/95
	A.G	5	7	1	5	3	1	2	02/03/98	Ijtsma	380	3	04/01/96
	A.H	5	7	1	7	9	8	9	02/10/98	Tozzoli et al.	705	37	10/13/94
	A.I	5	7	6	5	0	2	8	06/09/98	Gladden	395	11	05/07/96
	A.J	5	7	9	0	7	8	9	08/04/98	Suarez	395	200.32	08/02/96
	A.K												

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L						
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	Tuomas Sandholm et al. "Issues in Automated Negotiation and Electronic Commerce: Extending the Contract Net Framework", First International Conference on Multi-Agent Systems, (June 1995), pp. 328-335.
	A.S	Database 636 (IAC Newsletter) on Dialog, No. 3263922, "General Magic attempts to pull Glory from Web Hat", Network Briefing, (July 19, 1996), 2 pages.
	A.T	Database 148 (IAC Trade & Industry Database), No. 4056305, Katy Ring, "Neural Networks, knowledge systems, genetic algorithms at Cambridge Consultants", Computergram International, (July 17, 1989), 3 pages.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. IBM/04B (RO996-052L)	SERIAL NO. 09/100,595
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(Use several sheets if necessary) (37 CFR 1.98(b))		FILING DATE June 19, 1998	GROUP 2762

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	B.A						
	B.B						
	B.C						
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	B.P						
	B.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	B.R	Gregory E. Kersten et al., "Negotiation in Distributed Artificial Intelligence: Drawing from Human Experience", Proceedings of the Twenty-Seventh Annual Hawaii International Conference on System Sciences, (1994), pp. 258-270.
	B.S	Jim R. Oliver, "On Artificial Agents for Negotiation in Electronic Commerce", Proceedings of the 29th Annual Hawaii International Conference on System Sciences, (1996), pp. 337-346.
	B.T	Edward A. Billard, "Effects of Group Size on Goal-Directed Agents in Distributed Environments", IEEE Publication No. 0-7803-2559-1/95, (1995), pp. 3403-3408.

EXAMINER	DATE CONSIDERED

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Substitute Disclosure Form (PTO-1449)